

Listing of Claims:

1. (original) A resilient contact element comprising a unitary conductive contact strip that has a strip axis and that is bent to configure said contact strip with
an elongate mounting section to be disposed on a mounting plane, said mounting section having a front end portion and a rear end portion opposite to said front end portion along the strip axis,

a curved section having a concave configuration relative to the mounting plane, and including a first curved segment that curves rearwardly from said rear end portion away from the mounting plane, and a second curved segment that curves rearwardly from said first curved segment toward the mounting plane,

a resilient section that curves forwardly from said second curved segment away from the mounting plane, said resilient section having a first end connected to said second curved segment, and a second end opposite to said first end along the strip axis, and

an elongate contact section extending forwardly from said second end of said resilient section and generally parallel to and spaced apart from said mounting section.

2. (original) The resilient contact element as claimed in Claim 1, wherein said contact section has a connecting portion connected to said resilient section, and a distal portion opposite to said connecting portion along the strip axis, said contact strip being further configured with a blocking section that extends inclinedly from said distal portion of said contact section toward the mounting plane, and that is disposed in front of said front end portion of said mounting section.

3. (original) The resilient contact element as claimed in Claim 2, wherein said blocking section has a length sufficient to extend beyond the mounting plane.

4. (original) The resilient contact element as claimed in Claim 1, wherein said resilient section and said curved section cooperate to form a contour that is shaped as three-quarters of a circle.

5. (new) A resilient contact element comprising a unitary conductive contact strip that has a strip axis and that is bent to configure said contact strip with

an elongate mounting section to be disposed on a mounting plane, said mounting section having a front end portion and a rear end portion opposite to said front end portion along the strip axis,

a curved section having a concave configuration relative to the mounting plane, and including a first curved segment that curves rearwardly from said rear end portion away from the mounting plane, and a second curved segment that curves rearwardly from said first curved segment toward the mounting plane,

a resilient section that curves forwardly from said second curved segment away from the mounting plane, said resilient section having a first end connected to said second curved segment, and a second end opposite to said first end along the strip axis,

an elongate contact section extending forwardly from said second end of said resilient section and generally parallel to and spaced apart from said mounting section, and

a blocking section that extends inclinedly from said distal portion of said contact section toward the mounting plane, that is disposed in front of said front end portion of said mounting section, and that has a length sufficient to extend beyond the mounting plane.

6. (new) The resilient contact element as claimed in Claim 5, wherein said resilient section and said curved section cooperate to form a contour that is shaped as three-quarters of a circle.

7. (new) A board assembly comprising:

a circuit board having a mounting plane and an edge transverse to said mounting plane; and

a resilient contact element including a unitary conductive contact strip that has a strip axis and that is bent to configure said contact strip with

an elongate mounting section mounted on said mounting plane, said mounting section having a front end portion and a rear end portion opposite to said front end portion along the strip axis,

a curved section having a concave configuration relative to the mounting plane, and including a first curved segment that curves rearwardly from said rear end portion away from the mounting plane, and a second curved segment that curves rearwardly from said first curved segment toward the mounting plane,

a resilient section that curves forwardly from said second curved segment away from the mounting plane, said resilient section having a first end connected to said second curved segment, and a second end opposite to said first end along the strip axis, and

an elongate contact section extending forwardly from said second end of said resilient section and generally parallel to and spaced apart from said mounting section.

8. (new) The board assembly as claimed in Claim 7, wherein said edge defines a hole in said circuit board, said curved section being disposed in said hole in said circuit board.

9. (new) The board assembly as claimed in Claim 7, wherein said contact section has a connecting portion connected to said resilient section, and a distal portion opposite to said connecting portion along the strip axis, said contact strip being further configured with a blocking section that extends inclinedly from said distal portion of said contact section toward said mounting plane, and that is disposed in front of said front end portion of said mounting section.

10. (new) The board assembly as claimed in Claim 9, wherein said circuit board is formed with a hole proximate to said front end portion of said mounting section, said blocking section having a length sufficient to extend into said hole.

11. (new) The resilient contact element as claimed in Claim 1, wherein said resilient section and said curved section cooperate to form a contour that is shaped as three-quarters of a circle.